

Listing of Claims

Claims 1 - 3 (canceled)

4. (withdrawn) A method comprising:

- providing a lamp for emitting ozone-producing radiation;
- providing an enclosure for covering the lamp, the enclosure having a mechanically-adjustable opening for changing an amount of the radiation being emitted from the enclosure; and
- providing an ozone-creating passageway for receiving the radiation being emitted from the enclosure.

Claims 5 - 19 (canceled)

20. (currently amended) Apparatus comprising:

- at least one lamp for emitting ozone-producing radiation;
- ~~means~~ an attenuator for mechanically adjusting an amount of the ozone-producing radiation being emitted without touching the lamp; and
- ~~means~~ an air passageway for receiving the amount of ozone-producing radiation being emitted and mixing the ozone-producing radiation with air to produce ozone

Claims 21 - 31 (canceled)

32. (withdrawn) A method, comprising:

- providing an ultraviolet (UV) ozone-generating lamp secured to and extending from a plate;
- providing a first enclosure and a second enclosure, the enclosures being coaxial and cylindrical, the first enclosure being fixed to the plate and surrounding the second enclosure, the second enclosure being rotatable;
- providing openings in respective cylinder sides of the first and second enclosures;

wherein the enclosures fully enclose the lamp except for any overlap of the openings, and wherein an amount of overlap of the openings is varied by rotation of the second enclosure, such amount of overlap corresponding to a relative amount of ozone produced by the lamp when energized.

33. (withdrawn) The method of claim 32, further comprising providing means for rotating the second enclosure.

34. (withdrawn) The method of claim 33, wherein the means for rotating the second enclosure comprise at least one of a knob, a handle, and a lever.

35. (withdrawn) The method of claim 32, further comprising rotating the second enclosure.

36. (withdrawn) The method of claim 32, further comprising providing a switch for energizing/de-energizing the lamp.

37. (withdrawn) The method of claim 36, wherein the switch includes an airflow sensor structured for effecting the energizing/de-energizing of the lamp.

38. (withdrawn) The method of claim 32, further comprising switching electricity to the lamp when airflow is sensed.

39. (withdrawn) A method comprising:

- producing ozone-generating radiation with a UV tube having a length;
- mechanically attenuating the ozone-generating radiation by adjustably exposing the length of the tube, in a range from zero to at least half of the length; and
- mixing the attenuated ozone-generating radiation with air to produce ozone.

Claims 40 - 53 (canceled)

54. (new) Apparatus comprising:

- a lamp operative to emit ozone-producing radiation;
- first and second pipes respectively having first and second openings in respective cylindrical sides thereof, the first opening is a tapered slot having a linear and non-linear taper, the first and second pipes fully enclosing a length of the lamp and being concentric with respect to one another, the second pipe being fixed;
- an adjustment member connected to the first pipe for rotating the first opening with respect to the second opening, thereby adjusting an overlap of the first and second openings, wherein the adjusting of the overlap is operative to adjust an amount of ozone being produced by the ozone-producing radiation;
- a controller for closing/opening an electrical connection to the lamp, the controller being electrically connected to an HVAC apparatus; and
- hardware adapted for mounting in an HVAC duct.

55. (new) Apparatus of claim 54 wherein the adjustment member is one of a knob, a handle, and a lever.

56. (new) Apparatus comprising:

- an ultraviolet (UV) ozone-generating lamp secured to and extending from a plate;
- a first enclosure and a second enclosure, the enclosures being coaxial and cylindrical, the first enclosure being fixed to the plate and surrounding the second enclosure, the second enclosure being rotatable, sides of the first and second enclosures each having an opening wherein the enclosures fully enclose the lamp except for any overlap of the openings, and wherein an amount of overlap of the openings is varied by rotation of the second enclosure, such amount of overlap corresponding to a relative amount of ozone produced by the lamp when energized;
- a controller electrically connected to an HVAC apparatus for closing/opening an electrical connection to a lamp and
- hardware adapted for mounting in an HVAC duct.

57. (new) Apparatus of claim 56 further comprising an adjustment member connected to the second enclosure.

58. (new) Apparatus of claim 56 wherein the adjustment member is one of a knob and a lever.